

Title (en)  
Toothbrush

Title (de)  
Zahnbürste

Title (fr)  
Brosse à dents

Publication  
**EP 2454968 A1 20120523 (EN)**

Application  
**EP 12155611 A 20050713**

Priority  
• EP 05761949 A 20050713  
• GB 0415871 A 20040715

Abstract (en)  
A toothbrush head (10) comprising a mid section, a tip section (13) resiliently flexibly connected to the tip end (15) of the mid section, and at least two side sections (113) each resiliently flexibly connected to the mid- or tip- section at respective points on widthways opposite sides of the mid- or tip- section.

IPC 8 full level  
**A46B 7/06** (2006.01); **A46B 9/04** (2006.01)

CPC (source: EP US)  
**A46B 5/0025** (2013.01 - EP US); **A46B 9/026** (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Citation (applicant)  
• WO 9707707 A1 19970306 - SMITHKLINE BEECHAM CONSUMER [DE], et al  
• US 1323042 A 19191125  
• EP 1300096 A2 20030409 - PROCTER & GAMBLE [US]  
• US 4472 A 18460425  
• US 853 A 18380724  
• US 6327735 B1 20011211 - KRAEMER HANS [DE]  
• WO 0074522 A1 20001214 - UNILEVER NV [NL], et al  
• WO 2004041023 A2 20040521 - GLAXOSMITHKLINE CONSUMER HEALT [DE], et al  
• US 2003084533 A1 20030508 - GELDER MARIA VAN [GB], et al

Citation (search report)  
• [XA] US 2003084533 A1 20030508 - GELDER MARIA VAN [GB], et al  
• [A] WO 03030680 A1 20030417 - GLAXOSMITHKLINE CONSUMER HEALT [DE], et al  
• [A] US 6327735 B1 20011211 - KRAEMER HANS [DE]  
• [A] WO 0074522 A1 20001214 - UNILEVER NV [NL], et al  
• [A] WO 2004041023 A2 20040521 - GLAXOSMITHKLINE CONSUMER HEALT [DE], et al  
• [AD] US 4472853 A 19840925 - RAUCH SAMUEL [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
HR

DOCDB simple family (publication)  
**WO 2006005624 A2 20060119; WO 2006005624 A3 20060511**; EP 1778045 A2 20070502; EP 1778045 B1 20121121;  
EP 2454968 A1 20120523; ES 2398222 T3 20130314; GB 0415871 D0 20040818; JP 2008506435 A 20080306; US 2008115305 A1 20080522;  
US 7757333 B2 20100720

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**EP 2005007720 W 20050713**; EP 05761949 A 20050713; EP 12155611 A 20050713; ES 05761949 T 20050713; GB 0415871 A 20040715;  
JP 2007520769 A 20050713; US 57183905 A 20050613